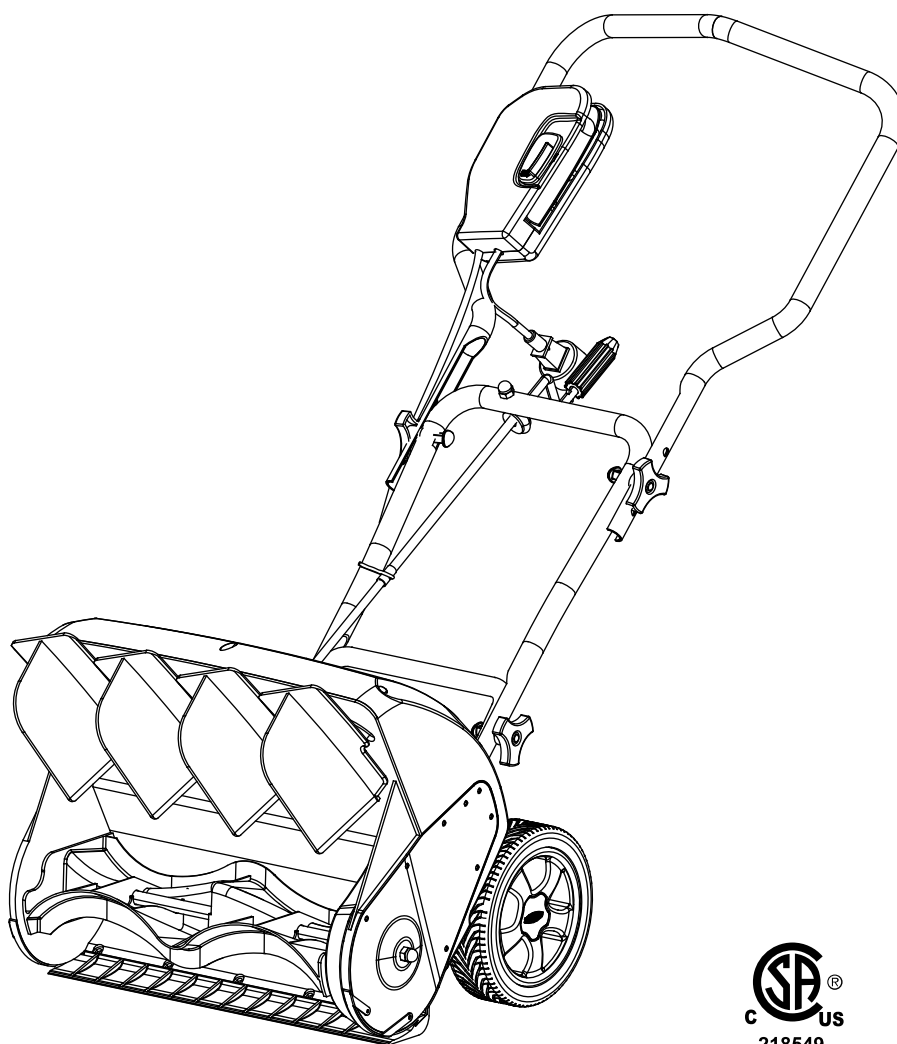




Electric Snow Thrower

60-3982-0



Owner's Manual

TOLL-FREE HELPLINE: 1 866 523-5218



IMPORTANT:

Read all safety rules and instructions carefully before using this product.

TABLE OF CONTENTS

Specifications	2
General Safety Rules.	3-6
Assembly Instructions	7
Diagram and Location of Parts	8
Operating Instructions	9-10
Maintenance	11-14
Troubleshooting.	15
Warranty.	16
Exploded View.	17
Parts list	18

SPECIFICATIONS

Motor:	120 V, 60 Hz, 10 A
Blade Speed:	Up to 2,600 RPM
Clearing width:	16" (40.6 cm)
Clearing depth:	6" (15.2 cm)
Discharge distance:	Up to 25' (7.6 m)
Impeller size:	14" (35.6 cm)
Wheels:	6" (15.2 cm)
Handle height:	33 to 38" (83.8 to 96.5 cm)
Weight:	24.5 lbs (11.1 kg)

GENERAL SAFETY RULES

READ ALL INSTRUCTIONS CAREFULLY!



CAUTION: Failure to obey safety warnings may result in property damage or injury to the operator or to others. Follow the safety precautions in order to reduce the risk of fire, electric shock, and personal injury.



WARNING: Failure to obey safety warnings may result in injury to the operator and to others. Follow the safety precautions in order to reduce the risk of fire, electric shock, and personal injury.



DANGER: Failure to obey safety warnings will result in serious injury to the operator or to others. Follow the safety precautions in order to reduce the risk of fire, electric shock, and personal injury.

					16" (40.6 cm) Electric Snow Thrower 120 V, 60 Hz, 10 A 60-3982-0 Made in China/Fabrique en Chine Serial #/N* de serie: CTxx xxxxxx
--	--	--	--	--	---

In order to avoid injury, keep hands, feet, and clothing away from the rotating auger.

The motor is equipped with cut-out protection. If the motor stops, release the control bar in order to avoid accidental start-up when the overload protector resets.

Do not use hands or feet to unclog the chute. Stop the motor before removing debris.

Do not walk in front of the Snow Thrower while it is in use.

Keep bystanders away from the area of operation.

Do not use the Snow Thrower in the rain.

Read the Owner's Manual carefully before operating the Snow Thrower.

Use the Snow Thrower for snow removal only.

In order to reduce the risk of electric shock, use only an extension cord that is suitable for outdoor use.



WARNING: Follow the safety rules closely when using the Snow Thrower. In order to ensure the safety of the operator and any bystanders, read these instructions carefully before using the Snow Thrower. Keep these instructions in a safe place for future reference.

1. Read the instructions carefully. Become familiar with the controls and the proper use of the Snow Thrower.
2. Do not operate this Snow Thrower when tired, ill, or under the influence of alcohol, drugs, or medication.
3. Do not allow children under the age of 14 to operate this Snow Thrower. Children who are 14 years of age and older must read the operating instructions and the safety rules in this manual carefully and understand the thoroughly, and must be trained and supervised by a parent.
4. Inspect the Snow Thrower before use. Replace any damaged parts. Verify that all fasteners are in place and secure. Replace any parts that are cracked, chipped, or damaged in any way.
5. Exercise caution in order to avoid slipping or falling.
6. Thoroughly inspect the area where the Snow Thrower will be used. Remove doormats, sleds, boards, wires, debris, and other foreign objects that may be thrown by the Snow Thrower.
7. Verify that the rotor will be able to spin freely before turning the Snow Thrower on.
8. Dress properly. Wear adequate winter outerwear. Wear long heavy pants, boots, gloves, and long sleeves. Do not wear loose clothing, jewellery, short pants, or sandals. Do not operate this Snow Thrower when barefoot. Secure hair above shoulder level.
9. When operating the Snow Thrower, wear footwear that does not leak and that will improve footing on slippery surfaces. Wear rubber-soled boots.
10. Do not attempt to make adjustments while the motor is running.
11. Allow the motor and the Snow Thrower to adjust to outdoor temperatures before beginning to clear snow.
12. Wear safety glasses/shields or goggles at all times while operating or performing adjustments or repairs in order to protect the eyes from foreign objects that may be thrown by the Snow Thrower.

GENERAL SAFETY RULES

Electrical Information



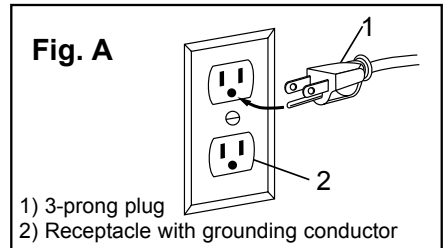
WARNING: To avoid electrical hazards, fire hazards, or damage to the tool, use proper circuit protection. The Snow Thrower is wired at the factory for 120 V operation. Connect to a 120 V, 15 A circuit and use a 15A time delayed fuse or circuit breaker. To avoid shock or fire when the power cord is worn, cut, or damaged in any way, replace it immediately.

This Snow Thrower has a 3-prong plug that is intended for use on a circuit that has a receptacle like the one illustrated in Fig. A.

Do not modify the power cord plug. If it does not match the electrical outlet, have the proper outlet installed by a qualified electrician.



WARNING: To avoid injury, when servicing the Snow Thrower, use only identical replacement parts.



Grounding Instructions

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electrical current and reduces the risk of electric shock. This tool is equipped with an electric cord that has a POLARIZED plug. The plug MUST be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Extension Cord



WARNING: In order to reduce the risk of electric shock when operating this Snow Thrower, use only a CSA-listed extension cord that is approved for outdoor use, such as Type SJTW, 16AWG, and that has a lower temperature rating of -40° F (-40° C).

- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) that will be used for this Snow Thrower. For an extra measure of safety, use a receptacle that has built-in GFCI protection.
- The nameplate on the Snow Thrower indicates the voltage used. Do not connect the Snow Thrower to an AC circuit that provides a different voltage from the voltage that is indicated on the nameplate.

Recommended size of extension cords

Amperage rating of the tool (120 V circuit only)		Total length of the extension cord			
		25' (7.6 m)	50' (15.2 m)	100' (30.4 m)	150' (45.7 m)
More than	Not more than	Minimum Gauge for the extension cord (AWG)			
0	12	16	16	14	14

[Use the same format for the table as found in the file entitled "Recommended size of extension cords".]



WARNING: In order to prevent electric shock, use an extension cord that is suitable for outdoor use.

- Inspect the extension cord and the power cord on a regular basis. Look for deterioration, cuts, or cracks in the insulation. Inspect the connections for damage. Repair or replace the extension cord or the power cord if any damage is found.
- Verify that the rotor and all moving parts have come to a complete stop, and disconnect the Snow Thrower from the power supply in order to prevent accidental start-ups before cleaning or performing any inspections or repairs.
- Do not abuse the extension cord. Do not carry the Snow Thrower by the power cord or pull on the cord in order to disconnect it from the receptacle.
- Keep the extension cord away from heat, oil, and sharp edges in order to prevent damage.
- If the extension cord is damaged in any manner while it is plugged in, disconnect it from the outlet immediately.
- Avoid accidental start-ups. Do not carry the Snow Thrower with a finger on the switch while it is plugged in. Verify that the switch is in the "OFF" position before plugging in the Snow Thrower.
- Unplug the Snow Thrower and allow it to cool down before putting it into storage. Store the Snow Thrower indoors.
- Unplug the Snow Thrower when it is not in use and before performing any maintenance or repairs.

SAVE THESE SAFETY RULES

GENERAL SAFETY RULES

FOLLOW THESE RULES WHILE OPERATING THE SNOW THROWER

- Walk. Do not run.
- Verify that the Snow Thrower is not in contact with anything before turning it on.
- Stay away from the discharge opening at all times. Keep face, hands, and feet away from concealed, moving, or rotating parts.
- Be attentive when using the Snow Thrower, and stay alert for holes in the terrain and other hidden hazards or traffic.
- Do not use the Snow Thrower on a gravel or crushed rock surface. Use extreme caution when crossing gravel/crushed rock drives, walks, or roads.
- Move up and down slopes when clearing snow. Do not go across a slope. Use caution when changing direction. Do not use this Snow Thrower to clear snow from steep slopes.
- Do not attempt to use the Snow Thrower on a roof or on any steeply inclined slippery surface.
- Do not operate the Snow Thrower if the guards, plates, and other safety protective devices are not in place.
- Do not operate the Snow Thrower near glass enclosures, automobiles, trucks, window wells, drop-offs, etc. without properly adjusting the angle of the snow discharge. Keep children and pets away from the work area.
- Do not force or overload the Snow Thrower. The Snow Thrower will perform better and safer when it is used at the rate that it was designed to work at.
- Do not operate the Snow Thrower at high speeds on slippery surfaces. Look behind, and exercise caution when backing up.
- Do not direct the discharge toward people, and do not allow anyone to move in front of the Snow Thrower while it is in use.
- Wear safety glasses or goggles that meet ANSI Z87.1 standards, and wear ear/hearing protection when using this Snow Thrower.
- Use the Snow Thrower in daylight or in good artificial light.
- Avoid accidental start-ups. Remain in the starting position when turning the Snow Thrower on. The operator and the Snow Thrower must be in a stable position during start-up. See the section entitled Starting/Stopping Instructions.
- Use the proper tool. Only use this Snow Thrower for the purpose that it was designed for.
- Do not overreach. Always keep proper footing and balance.
- Hold the Snow Thrower with both hands while it is in use. Keep a firm grip on the handles or the grips.
- Keep hands, face, and feet away from all moving parts. Do not touch or try to stop the impeller while it is rotating.
- If the impeller does not rotate freely due to frozen ice, thaw the Snow Thrower thoroughly before attempting to use it.
- Keep the impeller clear of debris.
- Do not attempt to clear the impeller while the motor running or while the Snow Thrower is plugged in. Turn the motor off and unplug the Snow Thrower from the extension cord or the outlet.
- Keep clothing and body parts away from the rotor.
- Do not operate the motor at a faster speed than necessary. Do not run the motor at high speed while not clearing snow.
- Stop the motor when snow clearing is delayed or when moving from one location to another.
- Unplug the Snow Thrower when it is being transported and when it is not in use.
- After striking a foreign object, turn the Snow Thrower off and unplug it, and then inspect it for damage. Repair any damage before restarting and using the Snow Thrower.
- If the Snow Thrower starts to vibrate abnormally, stop the Snow Thrower immediately and attempt to determine the cause. Vibration is generally an indication of danger.
- Stop the motor and unplug the Snow Thrower whenever the operator is not in the operating position, before unclogging the impeller, and before making any repairs, adjustments, or inspections.
- Do not discharge snow onto public roads or near moving traffic.
- Allow the Snow Thrower to run for a few minutes after clearing snow in order to prevent moving parts from freezing.

GENERAL SAFETY RULES

- Use only the manufacturer's original replacement parts and accessories for this Snow Thrower. The use of unauthorized parts or accessories could lead to serious injury to the user or damage the Snow Thrower, and will void the warranty.
- Do not use the Snow Thrower in the hand held position. Do not pick up the Snow Thrower while it is plugged and running. The Snow Thrower is designed to travel along the ground.
- Verify that the Snow Thrower is secure while transporting.
- Store the Snow Thrower in a dry area, locked up or high enough to prevent unauthorized use or damage, and out of the reach of children.
- Do not douse or squirt the unit with water or any other liquid. Keep handles dry, clean, and free of debris. Clean the Snow Thrower after each use. See the section entitled Cleaning and Storage.
- If the labels on the Snow Thrower become defaced or start to lift off, contact the Toll-Free Helpline, at 1-866-523-5218.
- Keep these instructions in a safe place for future reference. Refer to them often, and use them to instruct other users. Anyone who uses this Snow Thrower must read these instructions carefully.
- Maintain the Snow Thrower with care. Follow the instructions for lubricating and changing accessories.

ASSEMBLY

Assembling the Handle (Fig. 1)

1. Remove any packing material that may have been inserted between the upper and lower handles for shipping purposes.
2. Align the holes (4) on the upper handle (1) with the holes on the middle handle (2). Insert the bolts (5), and use the wing nuts (6) to tighten them.
3. Align the holes (7) on the middle handle (2) and the lower handle (3). Insert the bolts (5), and tighten them using the wing nuts (6) provided.

Assembling the Discharge Directional Control (Fig. 1)

1. Align the holes (11) on the upper tubing (8) with the holes on the lower tubing (9). Insert the hitch pin (10).

Fig. 1

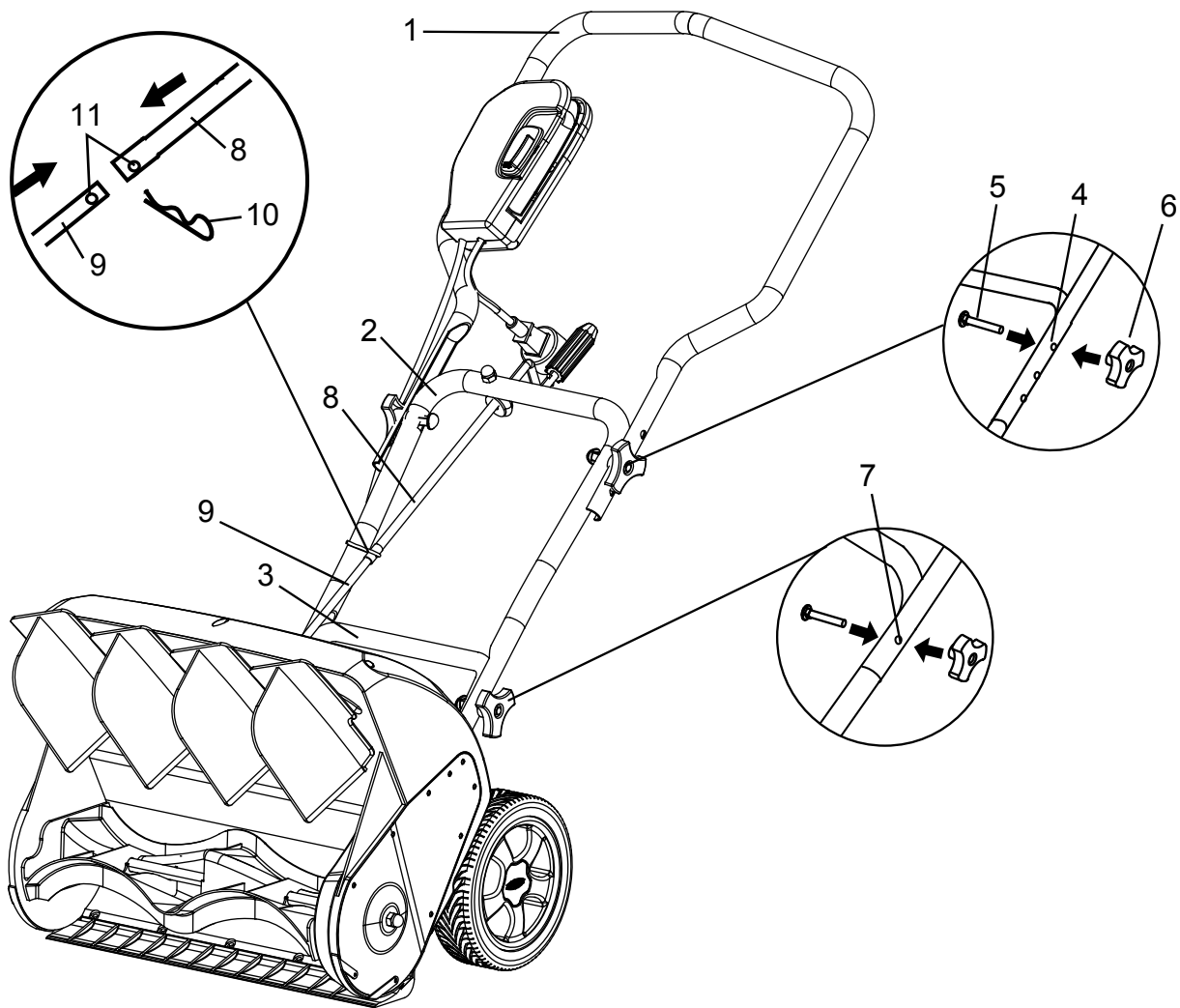
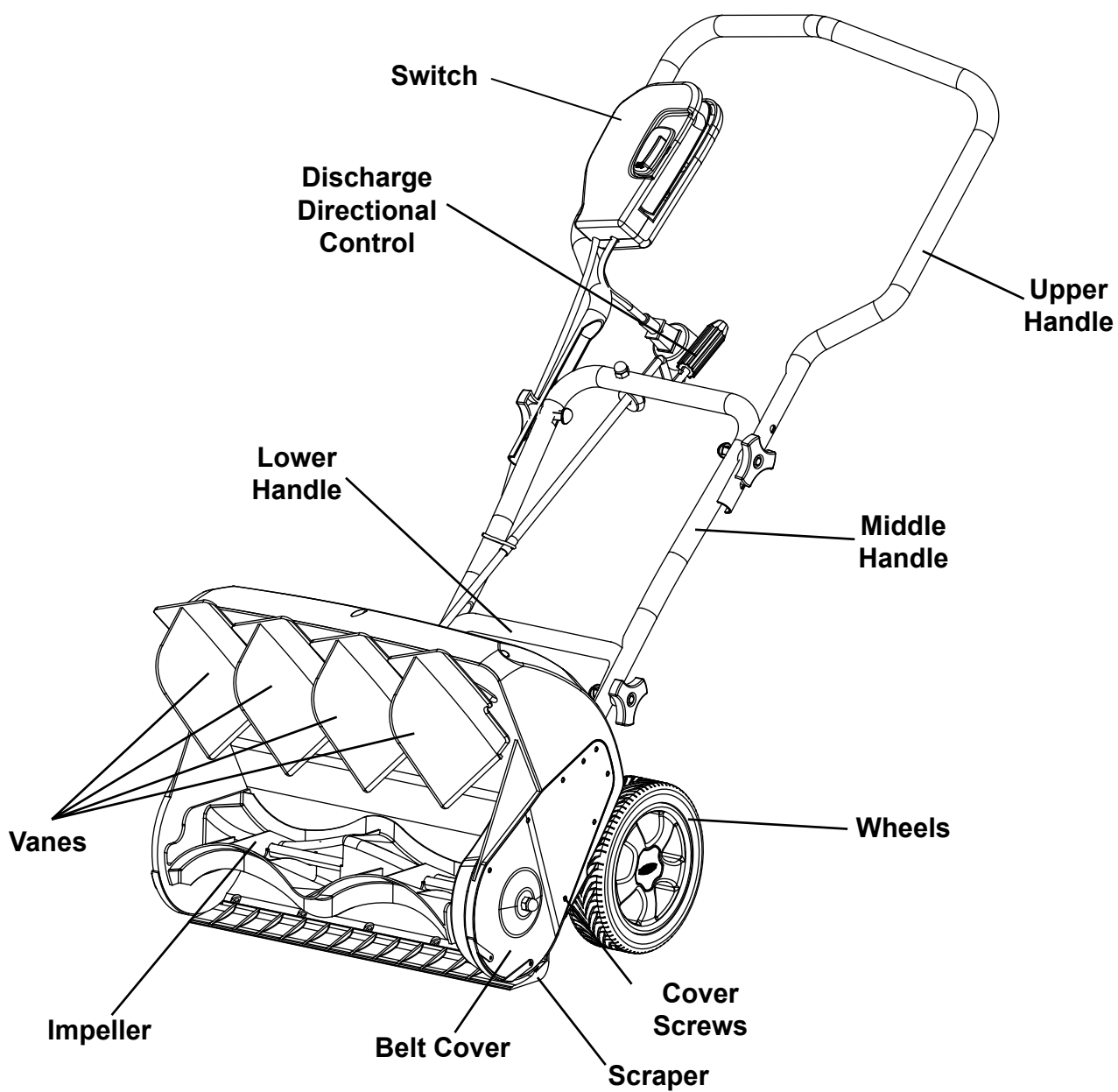


Diagram and Location of Parts

Diagram and Location of Parts (Fig. 2)

Fig. 2



OPERATING INSTRUCTIONS

Starting the Snow Thrower



WARNING: Avoid accidental start-ups. Verify that the operator is in the starting position when using the snow thrower. In order to avoid serious injury, the operator and unit must be in a stable position when starting the Snow Thrower.

Using the Switch

This Snow Thrower is equipped with a special safety switch. In order to operate the switch, insert one finger into the opening, and push the lever out so that it can be grasped along with the upper handle. Pull the lever back in order to turn the Snow Thrower on, and hold it against the upper handle in order to keep it running. To turn the Snow Thrower off, simply release the lever.

Caution: Do no attempt to override the operation of this safety switch.

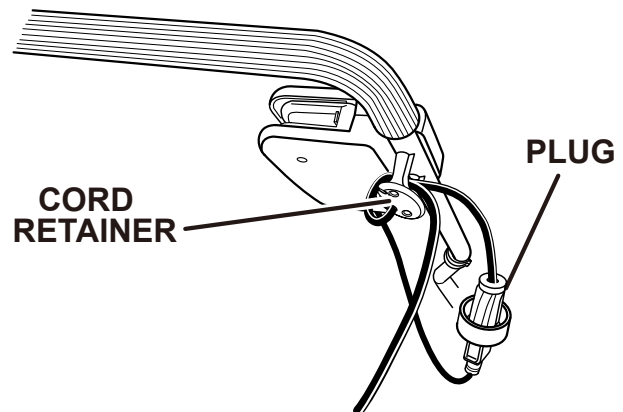
Using the Snow Thrower

1. Start the Snow Thrower by following the Starting instructions. The depth and weight of the snow will determine the forward speed.
2. Push the Snow Thrower forward so that it rides on the scraper.
3. Verify that the power cord is attached to the cord retainer and that it rests on the guide bar. The power cord should trail to the side of the operator.

Using the cord retainer

Attach the outlet end of an extension cord to the plug on the rear of the snow thrower.

Make a loop in the extension cord. From the right side, pass the loop through the hole in the back of cord retainer and place it around the hook.



OPERATING INSTRUCTIONS

Adjusting the Direction of Discharge (Fig. 3-4)

Snow can be discharged to the left, straight ahead, or to the right of the operator.

Follow these instructions in order to change the direction of the discharge:

1. Release the switch bar in order to stop the rotor.

NOTE: The control stick can revolve 720°.

NOTE: From the center position, the discharge directional control turns approximately 360° in either direction (clockwise or counter-clockwise). Do not force it.

2. Turn the discharge directional control clockwise 360°. The vanes will turn approximately 45° to the left.

3. Turn the discharge directional control counter-clockwise 360°. The vanes will turn approximately 45° to the right.

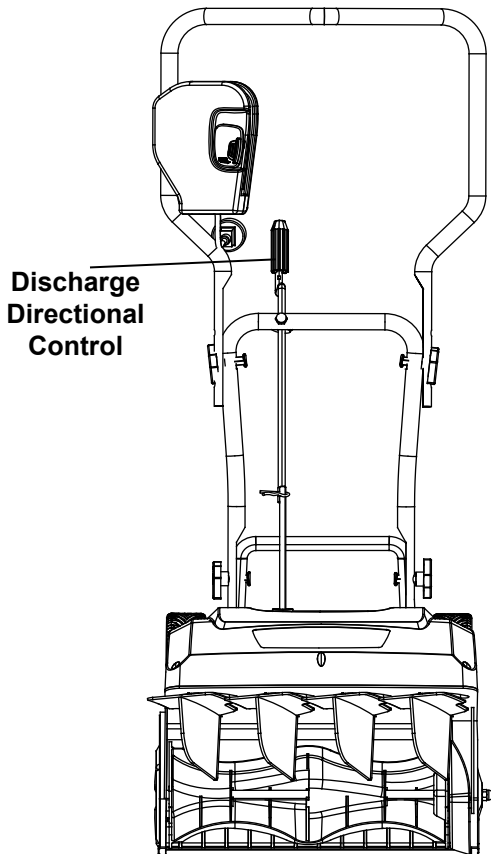


Fig. 3

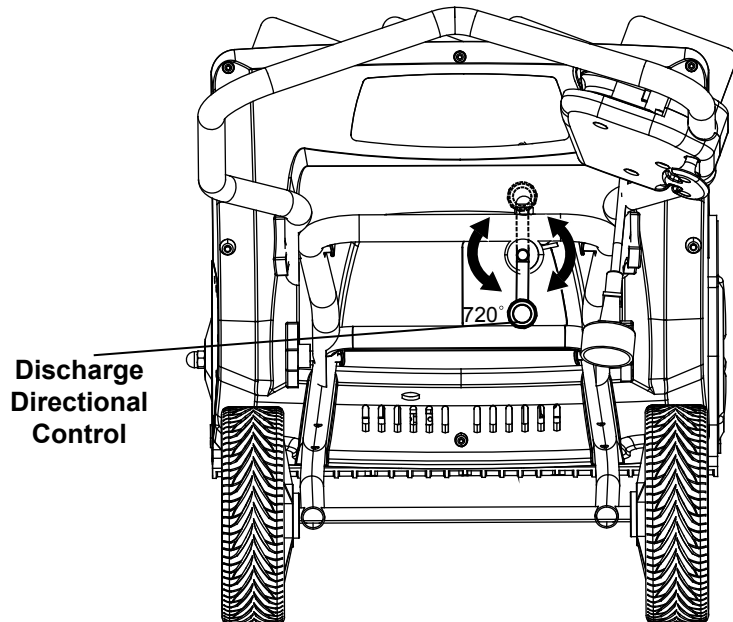


Fig. 4

Tips for Best Snow Throwing Results

- For the most efficient snow throwing, keep the vanes parallel, and throw the snow in the direction of the wind.
- Slightly overlap each swath when clearing snow.

MAINTENANCE

Servicing

Servicing should be performed by a qualified technician. Replacement parts for this Snow Thrower must be identical to the parts that they replace. If repairs are necessary, contact the Toll-Free Helpline, at 1-866-523-5218.

Inspecting/Replacing the Drive Belt (Fig. 5-7)

When servicing the Snow Thrower, use only the manufacturer's original replacement parts. Inspect the drive belt for wear once per year or every 50 hours of operation, whichever comes first. If the drive belt needs to be replaced, follow these steps.

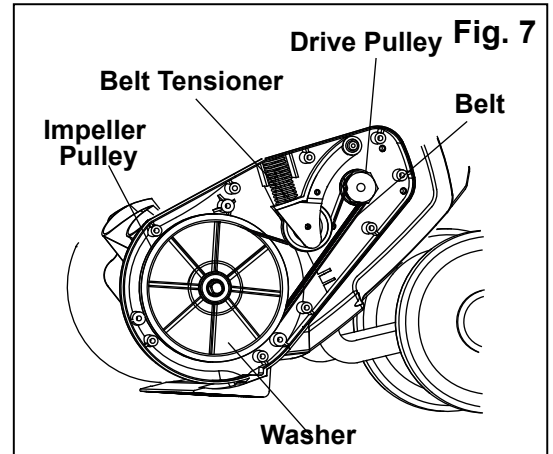
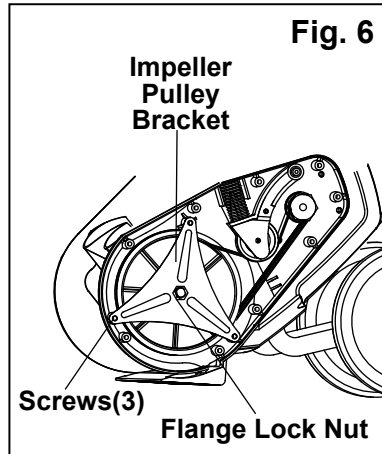
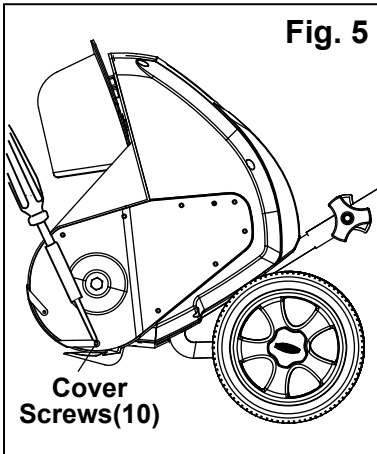


WARNING: In order to avoid serious personal injury, turn off the Snow Thrower and allow it to cool down. Unplug the Snow Thrower before performing any maintenance.

1. Remove the ten (10) screws from the belt cover using a phillips screwdriver (Fig. 5).
2. Remove the flange lock nut and the three (3) screws (Fig. 6) .
3. Remove the impeller pulley bracket using a washer or nut driver (Fig.6).



WARNING: In order to reduce the risk of electric shock, replace the cover before connecting the Snow Thrower to a power source.



4. Pull the belt tensioner (idler arm) away from the drive pulley. Remove the damaged or broken belt from the impeller pulley and the drive pulley inside the housing. Discard the belt in the proper manner (Fig. 7).
5. Loop the new belt around the drive pulley and the impeller pulley (Fig. 7). Pull the belt tensioner (idler arm) away from the drive pulley in order to install the belt around the drive pulley.

NOTE: Verify that the washer is still in place on the impeller pulley shaft before reinstalling the belt cover.

6. Reinstall the impeller pulley bracket with the three (3) screws.
7. Reinstall the flange lock nut. Tighten the nut.

8. Reinstall the belt cover with the ten (10) screws. In order to facilitate the installation, position the narrow part of the cover into the recess of the housing and install the two top screws, and then push the rest of the cover down into the recess and over the rotor shaft. Tighten all ten (10) screws.

NOTE: If the flange lock nut is damaged, do not replace it with a standard nut. Use only the manufacturer's original replacement parts.

WARNING: When fitting the belt back into the main housing, verify that the belt is positioned to the right of the Drive Belt Retainer. If the belt is positioned to the left of the Drive Belt Retainer, serious damage may occur.

MAINTENANCE

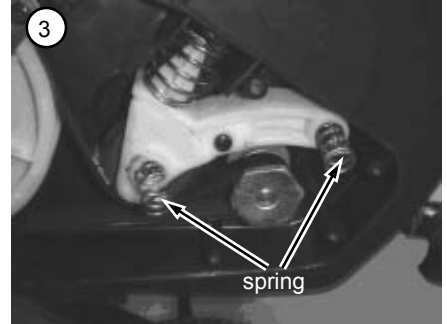
Impellor replacement



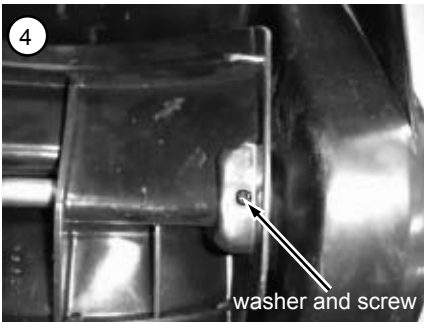
1. Remove the nut from the left hand side of the impellor shaft.



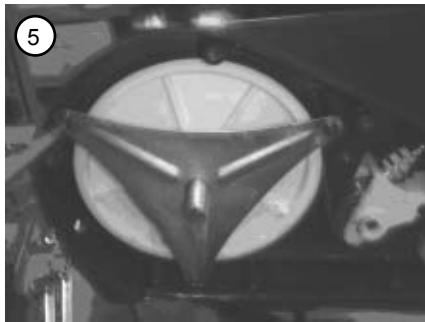
2. Remove the 10 screws from the side cover.



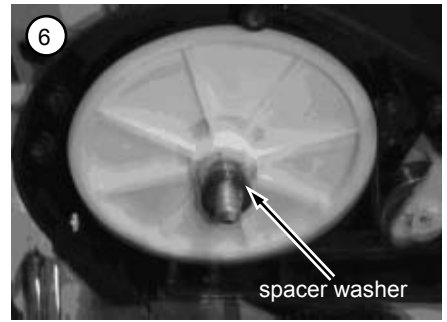
3. Be sure not to lose the 2 springs.



4. Remove the washer and the screw.



5. Remove the nut from the impellor shaft. Remove the 3 screws holding the pulley support plate.



6. Remove the plate and the two spacer washers.



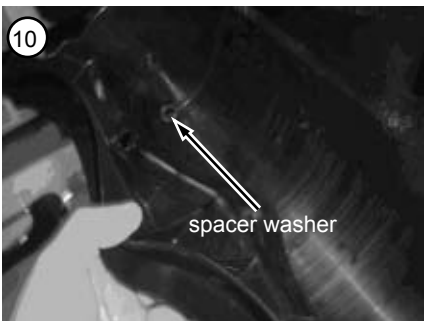
7. Remove the pulley and belt.



8. Remove the impellor shaft nut from the right hand side.



9. Withdraw the impellor shaft from the left hand side.



10. Withdraw the old/damaged impellor. Be sure to keep the 2 spacer washers from the right hand side of the impellor.



11. Insert the impellor shaft in the new impellor and place the 2 washers on the right hand side.



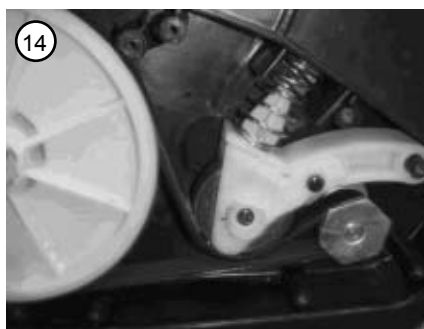
12. Place the impellor and shaft back into the front scoop.

MAINTENANCE

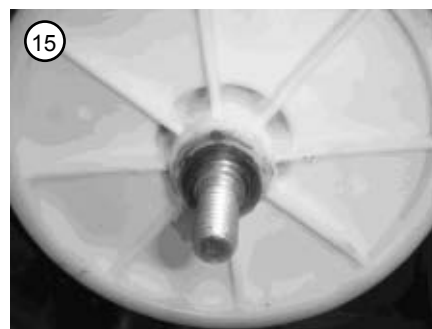
Impellor replacement



13. Place the pulley back onto the impellor shaft.



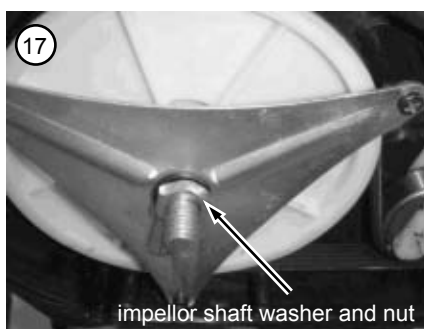
14. Be sure to route the belt correctly, as shown.



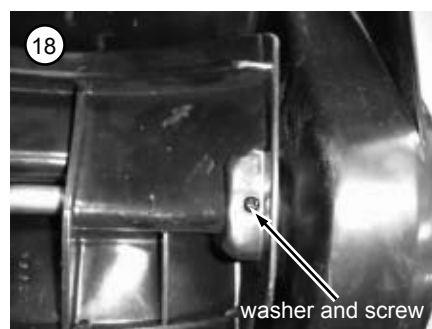
15. Replace the 2 spacer washers on the impellor shaft.



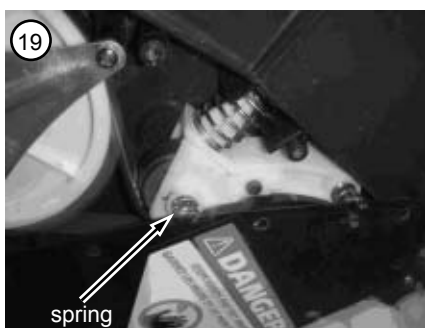
16. Replace the pulley support plate and the 3 retaining screws.



17. Replace and tighten the impellor shaft washer and nut.



18. Replace the washer and the screw.



19. Place the lower spring into position and slide the side cover up using slight pressure to hold the spring in place.



20. Replace and tighten the remaining screws and the nut and washer.



21. Re-install the impellor shaft nut and washer on the right hand side, and tighten.

MAINTENANCE

Replacing The Scraper (Fig. 8)

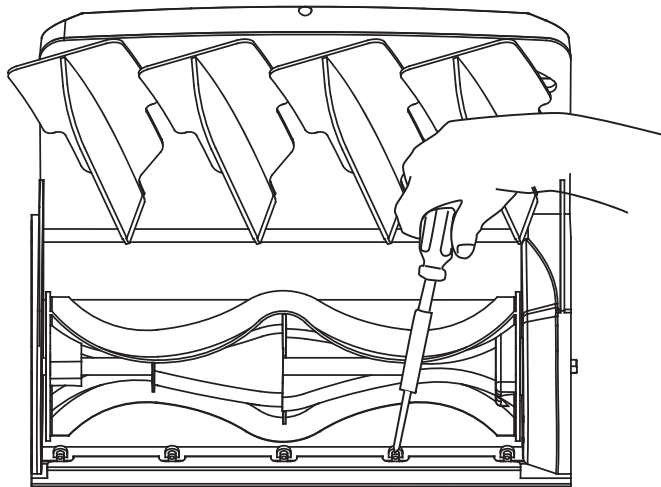


WARNING: In order to avoid serious personal injury, turn the Snow Thrower off and unplug it before performing any maintenance.

Use only the manufacturer's original replacement parts.

1. Place the Snow Thrower on the ground or on a work bench. Position the Snow Thrower so that the impeller is facing up.
2. Remove the five (5) screws that are located beneath the impeller that secure the scraper to the housing using a phillips screwdriver (Fig. 8).
3. Remove the scraper, and discard it in the proper manner.
4. Snap the new scraper into position, and attach it to the Snow Thrower by reinstalling the five (5) screws. Tighten the screws.

Fig. 8



Storage

- Allow the motor to cool down before storing.
- Store the Snow Thrower in a locked location in order to prevent unauthorized use or damage.
- Store the Snow Thrower in a dry, well-ventilated area.
- Store the Snow Thrower out of the reach of children.

Cleaning



WARNING: In order to avoid serious personal injury, turn the Snow Thrower off and unplug it before cleaning or servicing.

Use a small brush to clean the outside of the Snow Thrower. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene can damage the plastic housing and handles. Wipe off any moisture using a soft cloth.

Transporting the Snow Thrower

- Allow the motor to cool down before transporting.
- Secure the Snow Thrower while transporting.
- When transporting the Snow Thrower with the handles folded, be careful not to make contact with the discharge directional control and accidentally bend it. If the control is bent or damaged, it will not be possible to adjust the vanes.

TROUBLESHOOTING

Problem	Possible Causes	Solutions
The handle is not in position.	The carriage bolts are not properly seated	Adjust the height of the handle, and verify that the carriage bolts are properly seated. Tighten the knobs.
The Snow Thrower does not start.	The Snow Thrower is unplugged. The lock-out button or trigger switch were not used properly.	Verify that the Snow Thrower is plugged into an electrical outlet. Press and hold the lock-out button, and then lift and hold the trigger switch (see the section entitled Starting the Snow Thrower).
The motor is on, but the rotor does not turn. The belt is damaged.	The belt is damaged.	Replace the belt (see the section entitled Inspecting/Replacing the Drive Belt).
The Snow Thrower leaves a thin layer of snow behind.	The scraper is worn	Replace the scraper (see the section entitled Replacing the Scraper).

WARRANTY

For TWO YEARS from the date of purchase within Canada, **YARDWORKS CANADA** will, at its option, repair or replace for the original purchaser, free or charge, any part or parts found to be defective in material or workmanship.

This warranty does not cover:

1. Any part which has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear, except as noted below;
4. Routine maintenance items such as impeller, blade sharpening;
5. Normal deterioration of the exterior finish due to use or exposure.

Full One Hundred Twenty Days Warranty on Normal Wear Parts: Normal wear parts are defined as blade adaptors, blades, grass bags and tires. These parts are warranted to the original purchaser to be free from defects in material and workmanship for a period of one hundred twenty (120) days from the date of retail purchase.

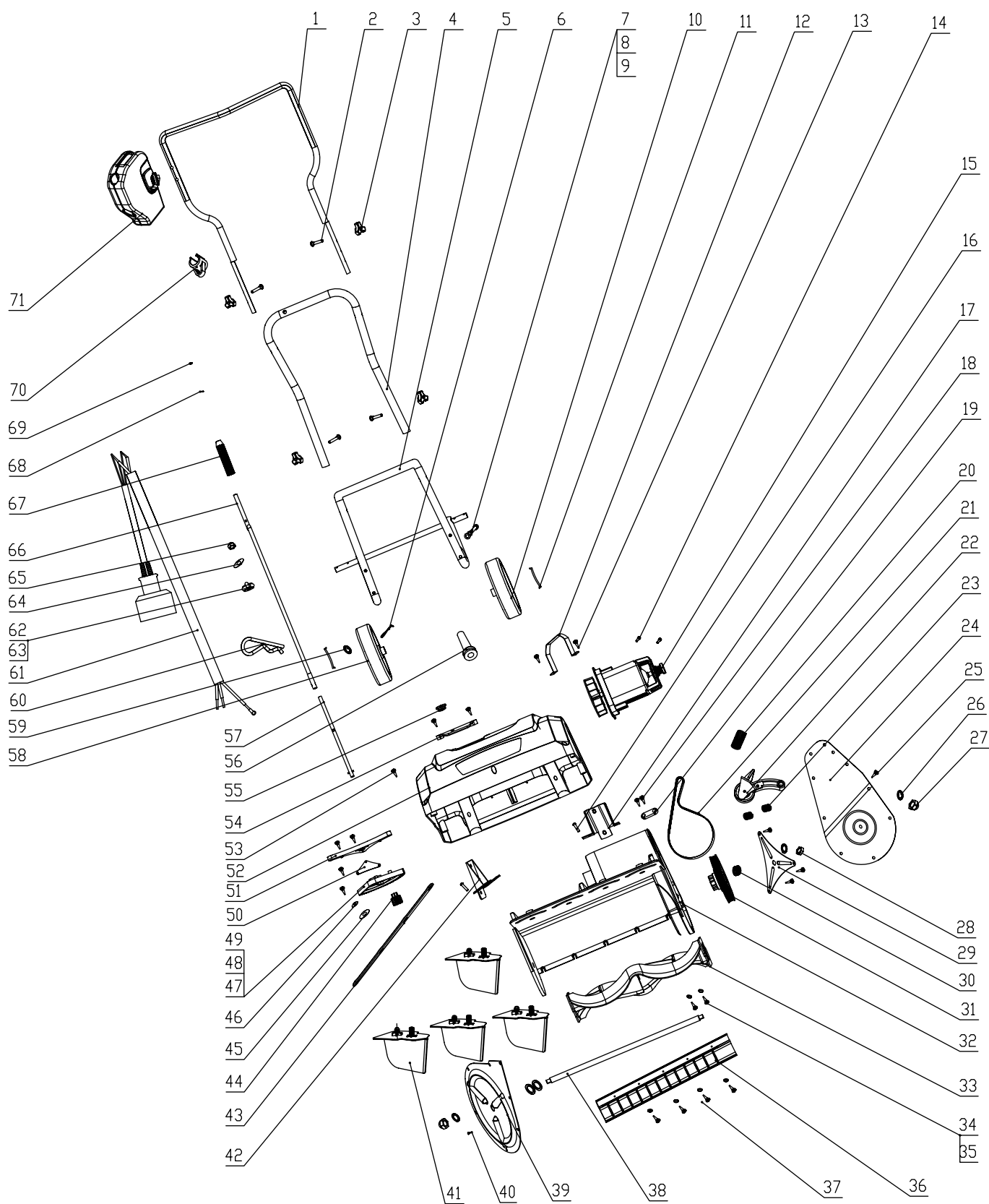
How to Obtain Service: Warranty service is available, with proof of purchase, through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please call toll free 1 866 523-5218. The factory will not accept the return of a complete unit unless prior written permission has been extended by **YARDWORKS CANADA**.

Transportation Charges: Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by **YARDWORKS CANADA**.

Other Warranties: All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of **YARDWORKS CANADA** obligations arising from the sale of its products.

YARDWORKS CANADA will not be liable for incidental or consequential loss or damage.

PARTS LIST



PARTS LIST

No	Model num.	Description	Qty	No	Model num.	Description	Qty
1	3118099	Upper handle assembly	1	37	3225599	Screw	5
2	3220436	Screw	4	38	3320299-A	Impeller shaft	1
3	3410835-4	Knob	4	39	3331399	Auxiliary board	1
4	3330299-3	Middle handle	1	40	3221099	Screw	7
5	3330399-3	Down handle	1	41	3410999A	Vanes	4
6	3290135	Clip pin	2	42	3331199	Right inside steel support	1
7	3220199	Screw	4	43	3411099	Link bar	1
8	3290799	Shrapnel	4	44	3410799	Small gear	1
9	3290699	Gasket	4	45	3290299	Gasket	8
10	3411799-1	Left wheel assy.	1	46	3290699	Gasket	6
11	3411799C	Wheel cover	2	47	3410899A	Big gear	1
12	3330398	Motor mounting bar	1	48	3290999	Ball	1
13	3220299	Screw	2	49	3340199	Spring	1
14	3220598	Screw	2	50	3331299	Spring press board	1
15	3118199	Motor assembly	1	51	3410699	Locking knob	1
16	3220299	Screw	4	52	3410199	Upper cover	1
17	3331099	Left inside steel support	1	53	3220298	Screw	6
18	3220999	Screw	2	54	3410299	Transparent panel	1
19	3411535	Press cord board	1	55	3420299	Sealing ring	1
20	3390198	Tension spring	1	56	3420102	Strain relief	1
21	3290198	Belt	1	57	3330799	Upper rocker	1
22	3111198	Tension wheel assembly	1	58	3411799-2	Right wheel assy.	1
23	3390298	Spring	2	59	32262198	Gasket	2
24	3330999	Left cover	1	60	3320640	Loop	1
25	3220298	Screw	10	61	31100199	Pigtail cable	1
26	3290499	Gasket	3	62	3330499	Screw	1
27	3220998	Nut	2	63	3420199	Rubber washer	1
28	3220236	Nut	1	64	3290299	Gasket	1
29	3330198	Impeller pulley bracket	1	65	3290599	Nut	1
30	3220898	Gasket	5	66	3330599-1	Rear rocker	1
31	3111298A	Impeller pulley assembly	1	67	3410499-1	Handle	1
32	3410399	Down cover	1	68	3330211	Gasket	1
33	3111399A	Impellor assembly	1	69	32901251	Loop	1
34	3290173	Gasket	2	70	3411135	Power cable clip	2
35	3220110	Screw	2	71	31100199	Switch box	1
36	3411399A	Scraper	1				